

0FORM PTO-1390 (REV. 11-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER ADTEC-4-PCT/Minori	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/594746	
INTERNATIONAL APPLICATION NO. PCT/JP2005/005523	INTERNATIONAL FILING DATE March 25, 2005	PRIORITY DATE CLAIMED March 31, 2004			
TITLE OF INVENTION COAXIAL MICROWAVE PLASMA TORCH					
APPLICANT(S) FOR DO/EO/US Shuhsui FUJII; Raju RAMASAMY; Takuya URAYAMA; Kazunari FUJIOKA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included and fee. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Receipt Acknowledgement Postcard 					

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21. <input checked="" type="checkbox"/> THE FOLLOWING BASIC NATIONAL FEES ARE SUBMITTED:										
<table> <tr> <td>■ Basic National Stage Fee.....</td> <td>\$300.00</td> </tr> <tr> <td>■ National Stage Search Fee.....</td> <td>\$500.00</td> </tr> <tr> <td>■ National Stage Examination Fee.....</td> <td>\$200.00</td> </tr> <tr> <td>□ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets.....</td> <td>\$250.00</td> </tr> </table>			■ Basic National Stage Fee.....	\$300.00	■ National Stage Search Fee.....	\$500.00	■ National Stage Examination Fee.....	\$200.00	□ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets.....	\$250.00
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□ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets.....	\$250.00									
ENTER APPROPRIATE BASIC FEE AMOUNT =										
\$1,000.00										
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).										
<table> <tr> <td><input type="checkbox"/> 20</td> <td><input type="checkbox"/> 30</td> <td>\$0.00</td> </tr> </table>			<input type="checkbox"/> 20	<input type="checkbox"/> 30	\$0.00					
<input type="checkbox"/> 20	<input type="checkbox"/> 30	\$0.00								
CLAIMS	NUMBER FILED	NUMBER EXTRA								
Total Claims	8 - 20 =	0								
Independent claims	2 - 3 =	0								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00								
TOTAL OF ABOVE CALCULATIONS =										
\$1,000.00										
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.										
SUBTOTAL =										
\$500.00										
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).										
TOTAL NATIONAL FEE =										
\$500.00										
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property										
TOTAL FEES ENCLOSED =										
\$540.00										
		Amount to be refunded:								
		charged:								
a. <input checked="" type="checkbox"/> A check in the amount of \$540.00 to cover the above fees is enclosed and Assignment recordal. b. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-1145</u> . A duplicate copy of this sheet is enclosed.										
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO:										
KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C. 489 Fifth Avenue New York, New York 10017 (212) 697-3750										
SIGNATURE: <i>Alan Israel</i>										
Alan Israel NAME 27,564 REGISTRATION NUMBER										
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail No. <u>EV 889 671 987 US</u> in an envelope addressed to: Box: PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on: <u>September 28, 2006</u> (date) <i>Alan S. Miller</i> <i>Logi G. Wilkin</i>										